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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. **A894610US**

First Inventor **James I. Livingstone**

Title **Reverse Circulation Clean Out System for Loo**

Express Mail Label No. **16424 U.S. PT 10/62302**

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit on original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages **43**]  
(preferred arrangement set forth below)
- Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the invention
  - Brief Summary of the invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets **16**]
5. Oath or Declaration [Total Pages **61**]
- a. ☒ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)
- i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(c)(2) and 1.33(b)
6. ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies), or
  - ii. ☐ paper
- c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent
17. ☐ Other

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application no. \_\_\_\_\_

Prior application information

Examiner

Group Art Unit

For CONTINUATION OR DIVISIONAL APPS only. The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label

☒ Correspondence address only

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Name (Print/Type) **Irene F. Bridger** Registration No. (Attorney/Agent) **53,914**

Signature **[Signature]** Date **07/21/2003**

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07/21/03 16698 U.S. PTO

# FEE TRANSMITTAL for FY 2003

Effective 01/01/2003 Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)  
1110.00

## Complete if Known

Application Number	N/A
Filing Date	N/A
First Named Inventor	James I. Livingstone
Examiner Name	N/A
Art Unit	N/A
Attorney Docket No	A894610US

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number: 07-1750

Deposit Account Name: Gowling Lafleur Henderson

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) during the pendency of this application

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

1. BASIC FILING FEE			
Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
1001 750	2001 375	Utility filing fee	375
1002 330	2002 165	Design filing fee	
1003 520	2003 260	Plant filing fee	
1004 750	2004 375	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1)			(\$) 375.00

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims: 97

Independent Claims: 4

Multiple Dependent: 1

Extra Claims: 77

Fee from below: 9

Fee Paid: 693

42

735

Large Entity		Small Entity		Fee Description	
Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Code (\$)		
1202 18	2202 9	1201 84	2201 42	Claims in excess of 20	
1203 280	2203 140	1204 84	2204 42	Independent claims in excess of 3	
1205 18	2205 9			Multiple dependent claim, if not paid	
				** Reissue independent claims over original patent	
				** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)					(\$) 735.00

\*\*or number previously paid, if greater. For Reissues, see above

## FEE CALCULATION (continued)

3. ADDITIONAL FEES				Fee Description	Fee Paid
Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)		
1051 130	2051 65	1052 50	2052 25	Surcharge - late filing fee or oath	
1053 130	1053 130	1812 2,520	1812 2,520	Surcharge - late provisional filing fee or cover sheet	
1804 920	1804 920	1805 1,840	1805 1,840	Non-English specification	
				For filing a request for ex parte reexamination	
				Requesting publication of SIR prior to Examiner action	
				Requesting publication of SIR after Examiner action	
1251 110	2251 55	1252 410	2252 205	Extension for reply within first month	
1253 930	2253 465	1254 1,450	2254 725	Extension for reply within second month	
1255 1,970	2255 985			Extension for reply within third month	
1401 320	2401 160	1402 320	2402 160	Extension for reply within fourth month	
1403 280	2403 140	1451 1,510	1451 1,510	Extension for reply within fifth month	
		1452 110	2452 55	Notice of Appeal	
		1453 1,300	2453 650	Filing a brief in support of an appeal	
1501 1,300	2501 650	1502 470	2502 235	Request for oral hearing	
1503 630	2603 315	1460 130	1460 130	Petition to institute a public use proceeding	
1460 130	1460 130	1807 50	1807 50	Petition to revive - unavoidable	
1807 50	1807 50	1808 180	1808 180	Petition to revive - unintentional	
1808 180	1808 180	8021 40	8021 40	Utility issue fee (or reissue)	
8021 40	8021 40	1809 750	2809 375	Design issue fee	
1809 750	2809 375	1810 750	2810 375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 750	2810 375	1801 750	2801 375	For each additional invention to be examined (37 CFR 1.129(b))	
1801 750	2801 375	1802 900	1802 900	Request for Continued Examination (RCE)	
1802 900	1802 900			Request for expedited examination or a design application	
Other fees (specify)					
*Reduced by Basic Filing Fee Paid					
SUBTOTAL (3)					(\$)

SUBMITTED BY: Irene A. Bridger

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Telephone 403-298-1076

Date July 21, 2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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